

REMARKS

Claims 1-8 are pending in this application. By this Amendment, claims 6 and 8 are amended. Attached hereto is a marked-up version of the changes made to the claims by the current amendment. The attached page is captioned "Version With Markings To Show Changes Made."

Entry of the Amendment is proper under 37 C.F.R. §1.116 because the Amendment: (a) places the application in condition for allowance; (b) does not raise any new issues that require further search and/or consideration; and (c) places the application in better form for an appeal should an appeal be necessary. More particularly, the above amendments to claims 6 and 8 generally correspond to the claim 1 limitation. Thus, the amendments do not require any further search or consideration. Entry is proper under 37 C.F.R. §1.116.

The Office Action rejects claims 1-5 under 35 U.S.C. §103(a) over U.S. Patent 5,983,213 to Nakano et al. (hereafter Nakano) and also rejects claims 6-8 under 35 U.S.C. §102(e) by Nakano. The rejections are respectfully traversed.

Independent claim 1 recites a first process of enabling a database server operating at a server to store data, which is stored in a database requested by a program operating at a client, to a common storage area other than a storage area to which the database is stored, and to respond to the request by transmitting an identifying information of the stored data to the program. Independent claim 1 further recites a second process of enabling the program to refer to the common storage area based on the identifying information of the stored data, to obtain the stored data.

In summary, independent claim 1 utilizes identifying information of stored data and a common storage area. That is, the data server may transmit identifying information of the

stored data which is stored in the database requested by the program, to the program. The program may obtain the stored data based on the identifying information of the stored data.

Nakano does not teach or suggest all the features of independent claim 1. More specifically, Nakano does not teach or suggest that the program obtains the stored data based on the identifying information of the stored data. That is, Nakano's transmission/reception of data is performed by specifying the handle and carrying out the data transfer from the request accepting server 310 to the transfer requesting source 321. The LOB data is directly obtained in the server when the server that performs the transmission/reception of data is the same server. See column 20, lines 31-33. However, when the servers that perform the transmission/reception of data are different, then the LOB data may be transferred from one of these servers to the other. See column 20, lines 33-35. Clearly, Nakano does not suggest that the program obtains the stored data based on identifying information.

In rejecting the claims, the Office Action states that Nakano does not explicitly teach a common area. The Office Action then takes "Official Notice" that the use of a common storage area in a database processing system disclosed by Nakao is well known and expected in the art. The Office Action fails to make a *prima facie* case of obviousness since the Office Action fails to provide prior art references showing all the claimed features. See MPEP §2142. Applicants respectfully request that the Patent Office provide a prior art reference showing this feature in combination with Nakano in order to reach the features of the claimed invention. See MPEP §2144.03.

Applicants respectfully note that Nakano is assigned to the same assignee as the present application. As such, applicants respectfully submit that Nakano does not suggest that the program may obtain stored data based on identifying information of the stored data as

in the present application. As discussed in the present application, the database server and the program of the present application may be located at different nodes. The data may be stored in the common storage area that is common to the nodes and the program may obtain the data stored to the common storage area. Thus, the use of the common storage area and the identifying information may provide unique benefits such as described on page 12, lines 23-26 and page 4, line 26-page 5, line 10 of the present specification. These benefits include, but are not limited to, speeding up the process of passing data from a database server to a user application in a database system as well as simplifying the description of source codes used for treating data to be managed by a database in the user application.

Accordingly, it is respectfully submitted that Nakano does not teach or suggest the use of the identifying information and the common storage area as recited in independent claim 1. Nakano does not teach or suggest the similar features recited in independent claims 6 and 8. Claims 2-5 depend from claim 1, and claim 7 depends from claim 6, and therefore also define patentable subject matter.

CONCLUSION

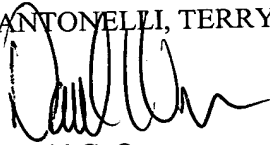
In view of the foregoing, it is respectfully submitted that the above identified application is in condition for allowance. Favorable consideration and prompt allowance of claims 1-8 are respectfully requested.

Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, or credit any overpayment of fees, to the deposit account of

Antonelli, Terry, Stout & Kraus, LLP, Deposit Account No. 01-2135 (500.37238X00).

Respectfully submitted,

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A handwritten signature in black ink, appearing to read 'David C. Oren', written over the printed name.

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VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS

Claims 6 and 8 have been amended as follows:

6. (Twice Amended) A database processing system used in a database system having a client-server arrangement for treating a massive amount of data, comprising:

first means for enabling a database server operating in a server to output to a file said massive amount of data stored in a database requested by a program operating in a client, said file being at a common storage area other than a storage area at which said database is stored, and to respond to said request by transmitting identifying information of said file to said program; and

second means for enabling said program to refer to said file where said massive amount of data is outputted from said common storage area by said first means and based on said identifying information, to obtain said massive amount of data.

8. (Twice Amended) A computer-readable storage medium recorded a program and data in a database system arranged in a client-server manner, said program and data comprising:

a first procedure of enabling a database server operating in said server to output to a file a massive amount of data stored in a database requested by a program operating in a client, said file being at a common storage area other than a storage area at which said

database is stored, and to respond to said request by transmitting identifying information of
said file to said program; and

a second procedure of enabling said program to refer to said file to which said massive
amount of data is outputted from said common storage area by said first procedure and based
on said identifying information, to obtain said massive amount of data.